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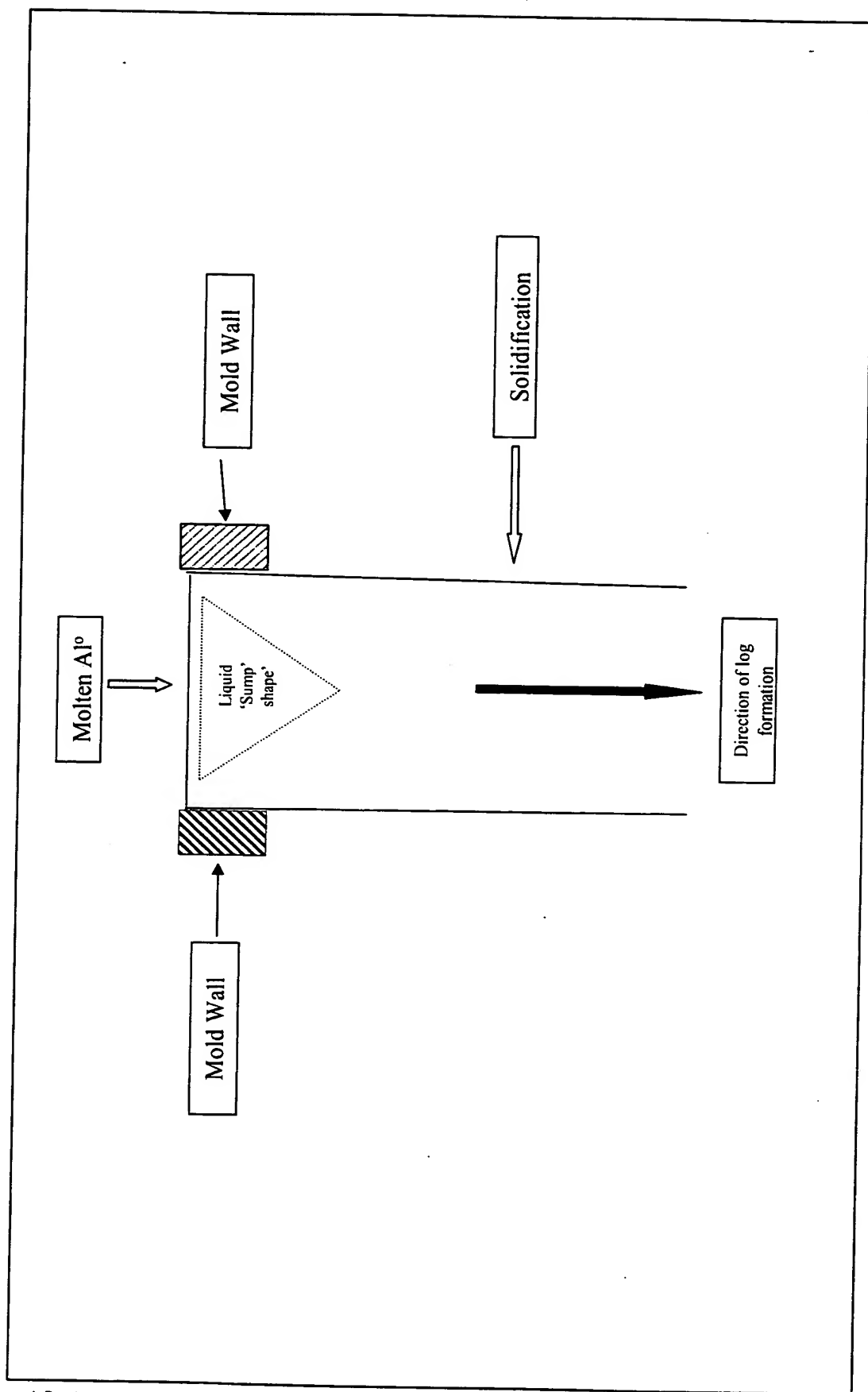


Figure 1: Conventional Hot-Top Cast Process

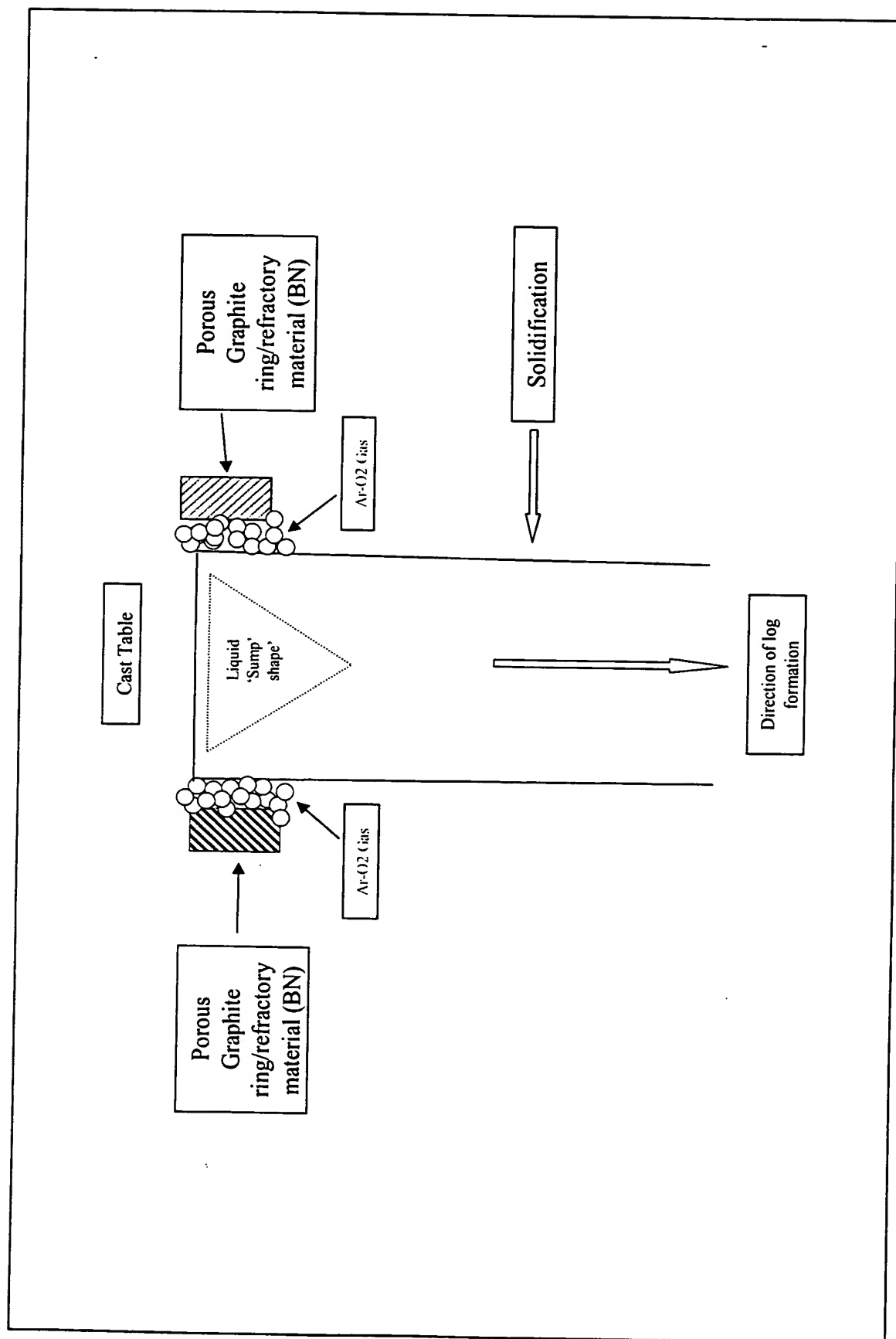


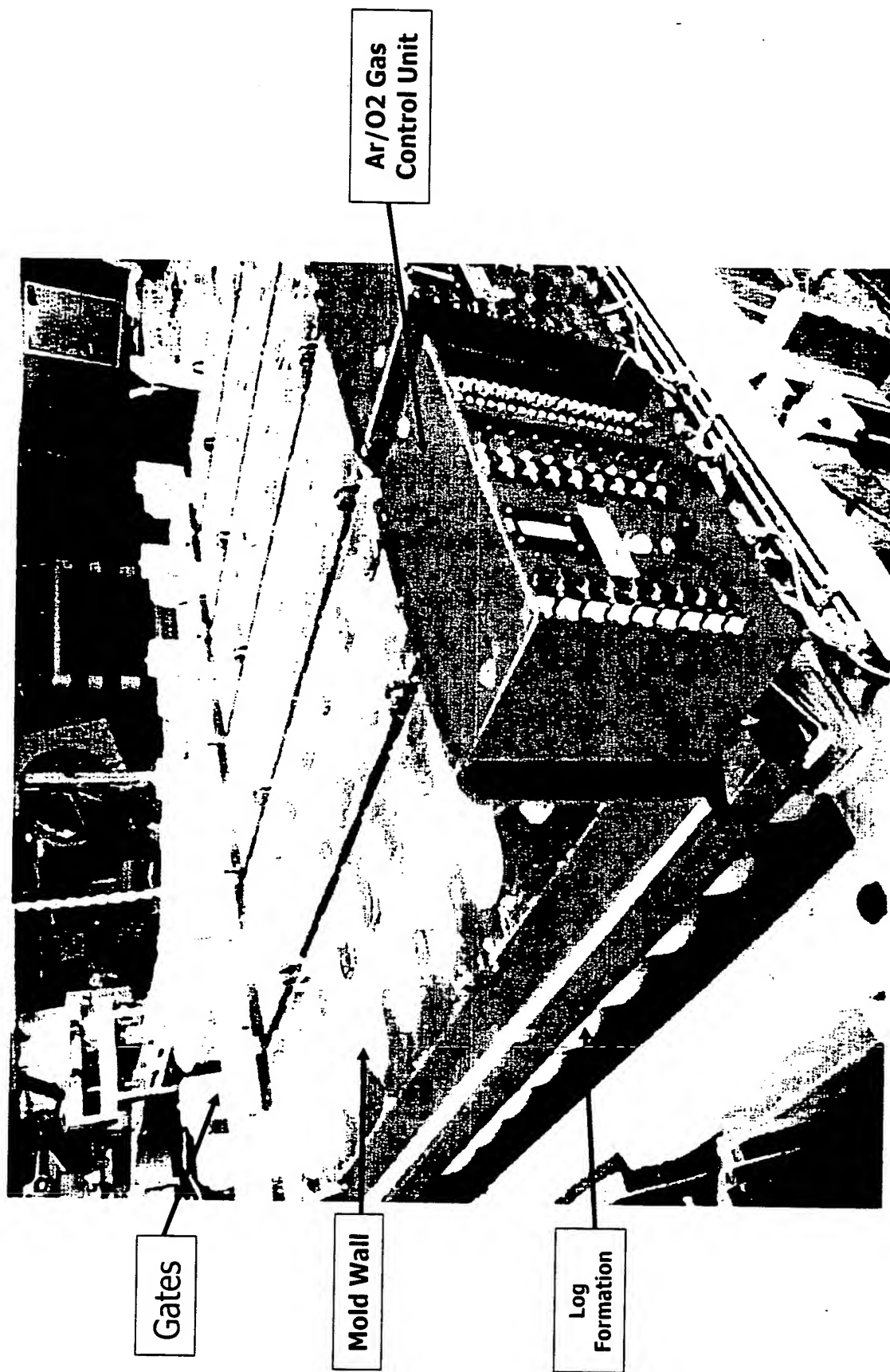
Figure 2: Gas-Slip Cast Process for Manufacture of the Present Invention

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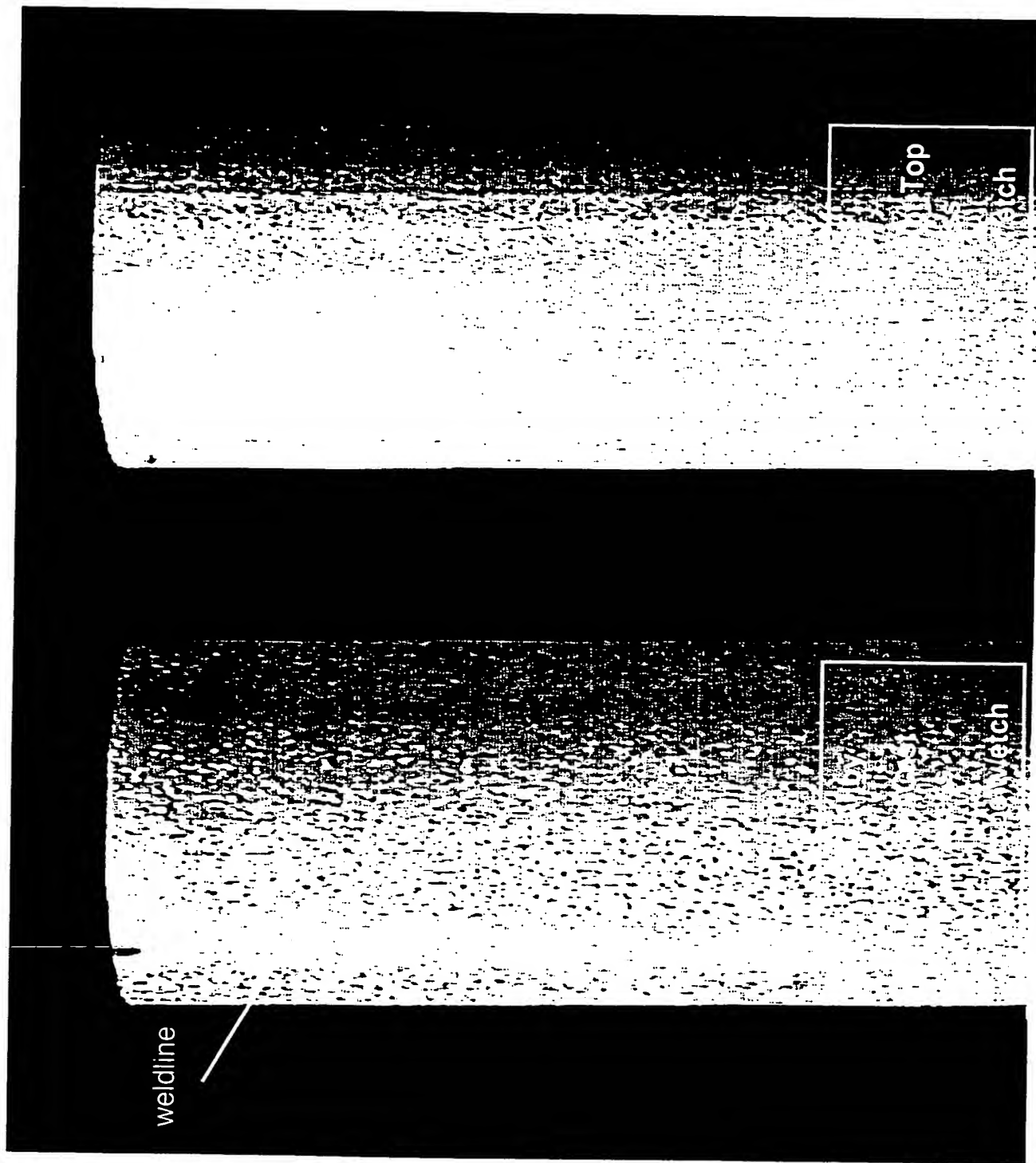


Figure 3: Conventional Hot-Top Cast Table

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CONFIDENTIAL: Mitsubishi Chemical America, Inc. **Figure 4: Gas-slip Cast Table used in Manufacture of the Present Invention**

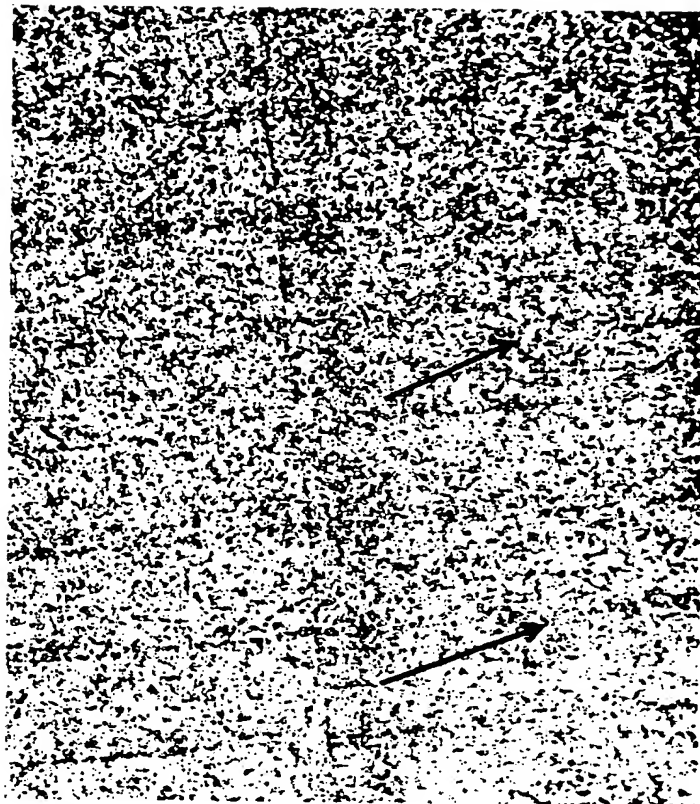


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**Figure 5; Comparison of Drawn Tube Surface Finishes for
Aluminum Alloys of Gas-slip and Conventional Product**

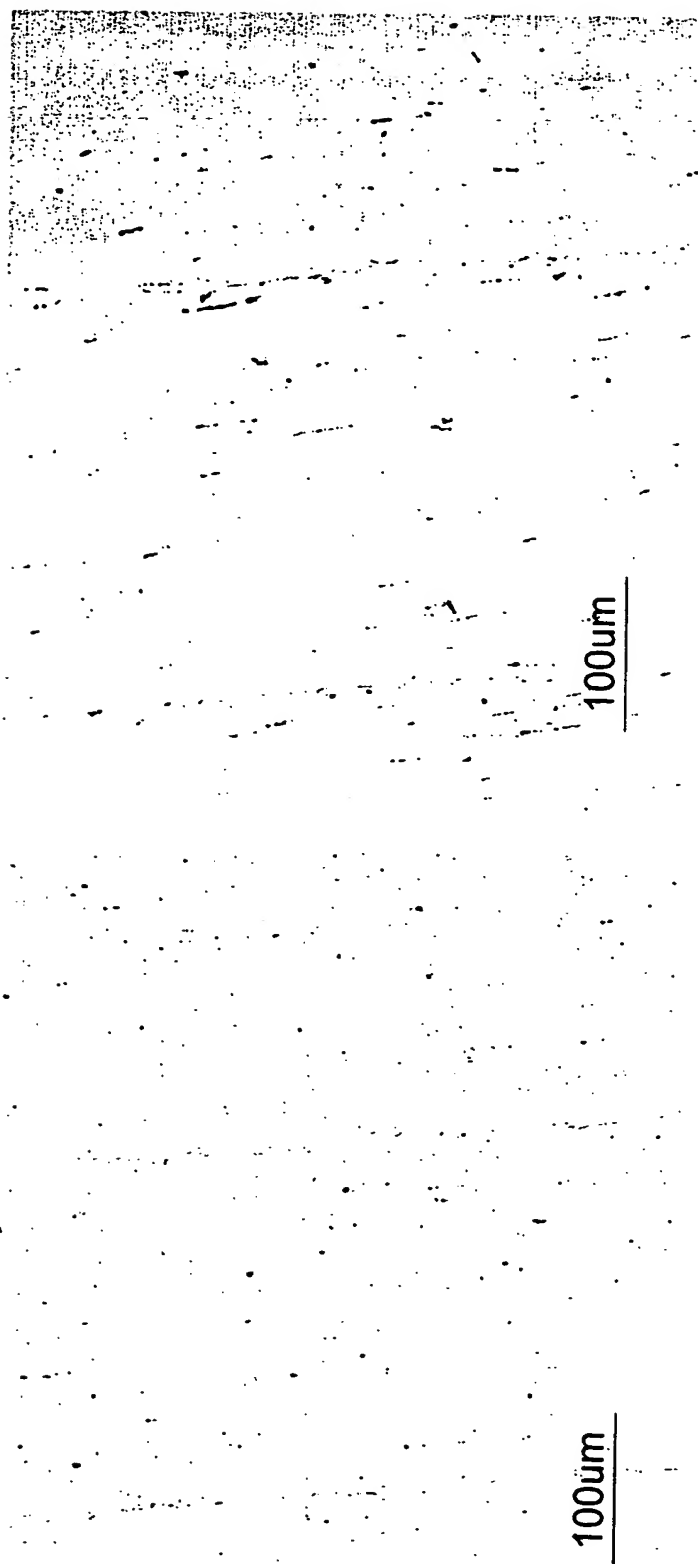


3003 Alloy
Gas-Slip Cast Process
50x magnification
Weldline is not visible
(alloy not filtered)



E3S Alloy
Conventional Hot-Top
Cast Process
50x magnification
(TKR filtered)

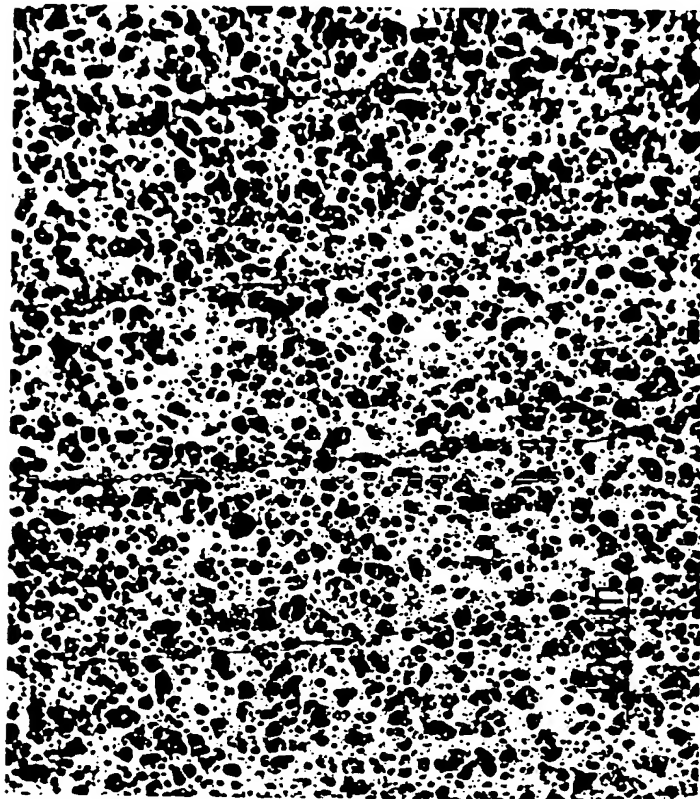
Figure 6; Comparison of Weld-line results for Aluminum Alloys of Gas-slip and Conventional Product



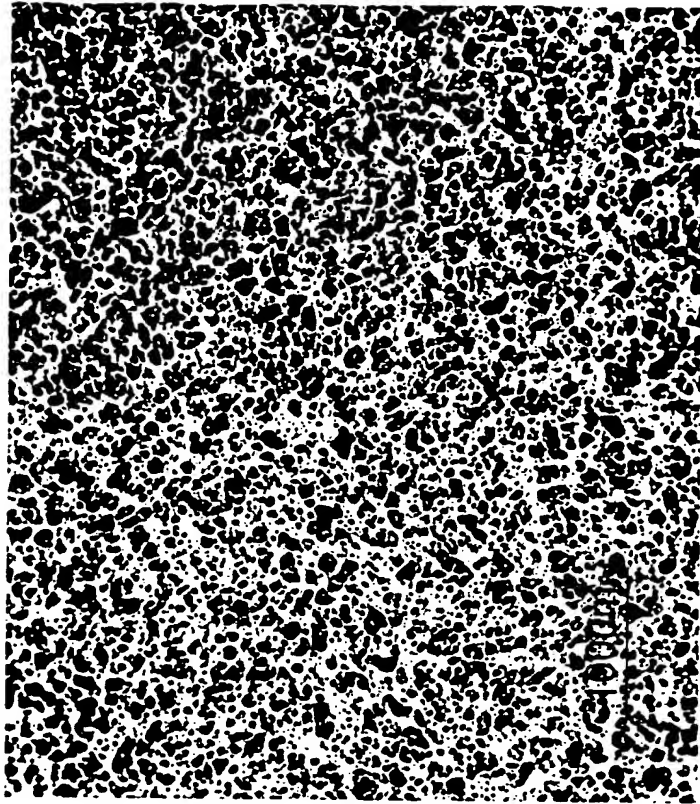
3003 Alloy
Gas-Slip Cast Process
200x magnification
(alloy not filtered)

E3S Alloy
Conventional Hot-Top
Cast Process
200x magnification
(TKR filtered)

**Figure 7; Comparison of Turned Surface Finishes for
Aluminum Alloys of Gas-slip and Conventional Product**

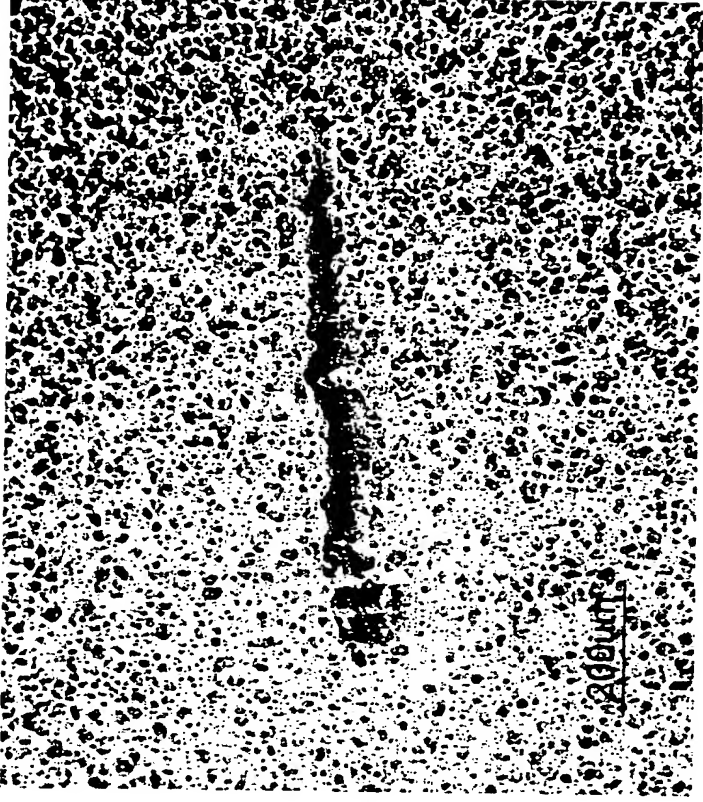
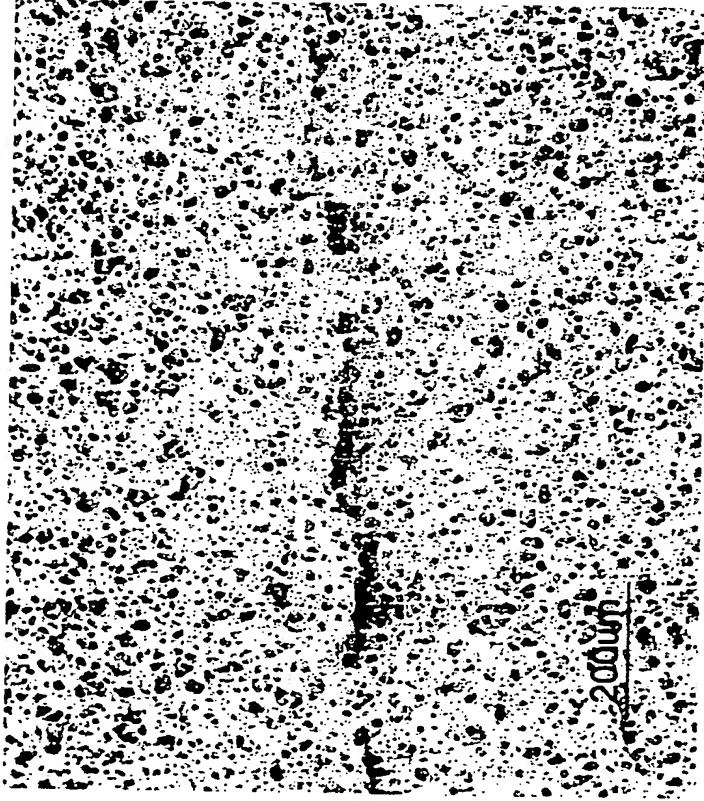


3003 Alloy
Gas-Slip Cast Process
100x magnification
(alloy not filtered)



E3S Alloy
Conventional Hot-Top
Cast Process
100x magnification
(TKR filtered)

Figure 8; Comparison of Gas-slip Unfiltered Aluminum Alloy with Finish of Aluminum Alloy of TKR Filtered Conventional Product



**Figure 9; Typical Lamination Defects – Small –X100 magnification for Product;
Left Side is Gas-slip developed surface and Right side is Conventional Product**